AMENDMENTS TO THE SPECIFICATION

On page 15 of the specification, please replace the paragraph that begins on line 6 and ends on line 20 with the paragraph provided on the attached replacement sheet. The paragraph has been amended on line 12 of the originally filed specification to delete "SEQ ID 10" and insert -- SEQ ID 1 --.

Applicants have amended the specification to correct the typographical error as recommended by the examiner. A replacement paragraph to the specification including the markings to show the changes made is attached. The amendment adds no new matter.

If there are any questions or concerns, please contact the undersigned.

Respectfully submitted,

Kirk Ekena Reg. No. 56,672
Mirus Bio Corporation
505 South Rosa Road
Madison, WI 53719
608-441-2829

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as express mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: June 13, 2005.

Kirk Ekena

[REPLACEMENT PARAGRAPH]

Example 8. Morpholino Delivery Assay: HeLa Tet-Off cells (Clontech Laboratories, Palo Alto, CA) were grown in Delbecco's Modified Eagle's Medium (DMEM, Cellgro, Herndon, VA) containing 10% fetal bovine serum (FBS) (Hyclone Laboratories, Logan, Utah) in a humidified incubator at 37°C with 5% CO_2 atmosphere. The cells were plated in 24-well culture dishes at a density of 3 x 10^6 cells/well and incubated for 24 hours. Medium was replaced with 0.5 ml DMEM, with or without 10% FBS, containing 0.5 µmol morpholino (CCT CTT ACC TCA GTT ACA ATT TAT A, ~~SEQ ID 10~~ SEQ ID 1, Gene Tools, Philomath, OR) and either containing or not containing 20 µg of various polyanions. The cells were incubated for 4 hours in a humidified, 5% CO_2 incubator at 37°C. The media was then replaced with Dubelco's modified Eagle Media containing10% fetal bovine serum. The cells were then incubated for 48 h. The cells were then harvested and the lysate was then assayed for luciferase expression as previously reported [Wolff et al. 1990]. A Lumat LB 9507 (EG&G Berthold, Bad-Wildbad, Germany) luminometer was used. The amount of luciferase produced in the presence of morpholino and polyanion was normalized to the amount produced in the absence of polyanion and reported in Table 1.